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[PDF] Non-invertible watermarking methods for **MPEG** encoded **audio** - all 9 versions »
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... going through an expensive three-step **decoding**-watermarking-encoding ... to embed
watermark into **MPEG audio** streams. ... the scale factors of the **MPEGaudio** data, and ...
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A tutorial on **MPEG/audio** compression - all 39 versions »
D Pan, M Inc, IL Schaumburg · Multimedia, IEEE, 1995 - ieeexplore.ieee.org
... the basics of psychoacoustic modeling and the **methods** the algorithm ... of origin, any
fully compli- ant **MPEG/audio** decoder will be abte to **decode** any **MPEG** ...
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Error-resilient video coding in the ISO **MPEG**-4 standard - all 4 versions »
R Talluri, TI Inc - Communications Magazine, IEEE, 1998 - ieeexplore.ieee.org
... Some data recovery techniques such as reversible **decoding** enable the ... tems part, which
describes how the **audio**, video, text ... **MPEG**-4 provides a similar **method** of ...
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Fast requantization apparatus and **method** for **MPEG audio decoding** - all 3 versions »
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MPEG audio synchronization system using subframe skip and repeat - all 5 versions »
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... need in the art for a **method** of synchronizing ... repeat the subframe if the predetermined
decoding time is ... A typical **MPEG audio** frame includes 12 subframes, such ...
Cited by 19 - Related Articles - Cached - Web Search

MPEG decoding system including tag list for associating presentation time stamps with encoded data ... - all 3
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G Maturi, DR Auld, D Neuman - US Patent 5,559,999, 1996 - freepatentsonline.com
... system for a Motion Picture Experts Group (**MPEG**) multiplexed **audio**/video ... a decoder,
and an video/**audio decoding** synchronization **method** that is ...
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Synchronization of **audio**/video information - all 3 versions »
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... According to ISO's **MPEG** 1 system standard (which is ... unit header (ie frame header
or **audio** unit header ... In, for example, non-locked **decoding** systems, some **method** ...
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Method and apparatus for **audio** and video synchronizing in **MPEG** playback systems - all 7 versions »
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... N-bytes of packet data 173 may represent **audio** or video **...** encoding **method** such as **MPEG** I, **MPEG** II, or **...** a presentation time stamp (PTS) with a **decoding** time stamp **...**
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... we describe a fast and accurate **audio** data classification **method** on **MPEG** ... As for the detection speed, less than 20% of **MPEG audio decoding** processing power is **...**
Cited by 27 - Related Articles - Web Search - BL Direct

Key authors: **K Brandenburg** - **D Pan** - **P Bassia** - **M Bosi** - **L Boney**

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D Pan, M Inc, IL Schaumburg - Multimedia, IEEE, 1995 - ieeexplore.ieee.org
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of **decoder**, we develop a ... 1 Introduction Data **compression** technique is an ...
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system for a Motion Picture Experts Group (**MPEG**) **audio**/video **decoder** using ...
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Key authors: **K Brandenburg** - **D Pan** - **J Mitchell** - **V Bhaskaran** - **M Bosi**

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MPEG audio compression allocation table   [Search]

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... is not robust against de-and re-**compression** and may ... are extracted: Figure 1: Scale
factor location in **MPEG**-Stream In ... to embed data in a Layer 3 **audio** stream we ...
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... offer different trade-offs between com- plexity and **compression** ratio. ... bit **allocation**
information ... scheme that operates di- rectly on **MPEG audio** compressed data ...
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Key authors: **K Brandenburg** - **D Pan** - **J Mitchell** - **D Le Gall** - **B Haskell**

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HS Malvar - Acoustics, Speech, and Signal Processing [see also IEEE ..., 1990 - ieeexplore.ieee.org
... of a matrix A in the rzth **row** and kth ... where features are de- tected from the **subband**
signals. ... In a speech **coding** application, for example, the computa- tion of ...
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... reconstruction, filter design that is tailored for image **coding** and perceptual ... 3.
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... where R(.) represents a unitary hierarchical **subband** transfor- mation (eg, [4 ... 2, j) . For the purpose of **coding**, we assume that **...** BIT **ROW** sim IIIIIIIIIIIIII msb **...**

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... hasis for most of the **sub- band** image **coding** ... system contribute more perceptibly to **coding** distortion. **...** approach to splitting and merging **subband** images results **...**

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